

Prizes

\$5.00 CASH, FOR ONE BOY COLLECTING THE MOST TICKETS.

Prizes will not be eligible for a other classes.

of the following age groups, in all.

10 years and under.
11 to 13 years inclusive.
14 years and over.

Men Fund

Easy to roll, delightful
—to smoke

Golden's
FINE CUT CIGARETTE TOBACCO

Invest In Victory

CANADA'S SEVENTH VICTORY LOAN, with its minimum objective of \$1,300,000,000, comes at a time when there is every reason to believe that the most critical period of the war is well in the past. After five years of wartime sacrifices and restrictions it is natural that the people should be anxious to return to normal conditions as quickly as possible, and that there should be some surprise that such a large loan is necessary at this time. In announcing the new Loan Campaign, the Minister of Finance, Hon. J. L. Isley, went into this matter in detail, pointing out many reasons why Canadians are asked to continue to lend and save not only in the interest of victory, but also to ensure economic stability for this country now, and in the critical period which will follow the final defeat of Germany and Japan.

Still Need For Patriotic Loans

In warning the public against being too hasty in assuming that there is no further need for wartime restrictions, Mr. Isley was repeating advice which has been given by many other officials here in recent months. It is well known that Canada is committed to full participation in the struggle against Japan, and there is as yet no indication that the war in the Pacific will be speedily concluded. In addition, Canada is contributing extensively to the work of the United Nations' Relief and Rehabilitation Administration. There are also far-reaching plans for social security measures within the Dominion during the post-war period. It is clear that all these undertakings will call for the expenditure of large sums of money, for patriotic lending on the part of the people here.

Inflation Is A Constant Danger

Another reason why the public is urged to continue to lend and save, lies in the constant danger of inflation. A sudden departure from wartime restraint in spending, would speedily destroy the economic stability which has been so successfully maintained here during the war. In contrast to the chaotic conditions which develop when inflation occurs, the restrictions which have been enforced in Canada have caused relatively small inconvenience, and it is apparent that public co-operation in this connection will be required for some time to come. One way in which this co-operation can be manifested, is in whole-hearted support of the Seventh Victory Loan. The first six loans were generously over-subscribed, and in giving a similar response to the Seventh Loan campaign the people of Canada will be investing in victory, both on the battlefields and on the home front.

Autumn Coloring

Tells Why Leafs Of Trees Turn From Green To Other Colors

What actually takes place when Nature presents her colorful pageant every Autumn is described by Dr. D. J. MacLachlan, professor of botany at the Ontario Agricultural College, who says it can be boiled down to a simple cause—accumulation of sugar.

Autumn coloring, in general, Dr. MacLachlan says, is a result of breakdown processes. In preparation for Winter, a small cork layer forms at the base of each leaf, actually healing the wound created by the leaf's separation before it breaks off. This cork slows the natural processes in the leaf. The chlorophyll, or green coloring disappears, and yellows, hidden by the green all Summer, come into view. Sugar formed in the leaf is prevented by the cork layer from getting down into the plant, and in conjunction with a cyanide complex forms a brilliant red dye.

Deeper shades of red indicate more sugar in the leaf. As the breakdown process continues and the leaf dies, a brown color is formed.—Kitchener Record.

YOUR FAMILY WILL ENJOY "LEFTOVERS"

Served this way

CREAMED MEAT A LA PREMIUM

Cooked Meat White Sauce
Christie's Premium Soda Crackers
with the wonderful flaky texture

Cube meat, add to highly seasoned white sauce; heat thoroughly and for an easy-to-prepare, easy taste, serve on Christie's Premium Soda Crackers. Because these crisp, flaky crackers are so full of rich flavor, they bring out all the goodness of favorite dishes. Always keep a package or two on hand.

Christie's Biscuits

There's a wartime duty for every Canadian

CHRISTIE, BROWN AND COMPANY LIMITED, TORONTO & WINNIPEG

Cold Germs

Scientists And Medical Men Are Devoting Much Time In Research Work

Much research has been devoted to cutting down respiratory tract infections by Canadian scientists and medical men.

In the armed services as everywhere, infections like cold, influenza, pneumonia, tuberculosis, mean that many man-hours and training days are lost. Respiratory tract disease casualties in Canadian military hospitals in the Dominion alone have been averaging around 35,000 a year at an approximate cost to the taxpayer of \$6,000,000 annually.

Dust control as a means of combatting respiratory disease was first tried on a major scale at Camp Borden, Ontario, last winter. It proved so effective in immobilizing the germs of all airborne diseases that respiratory disease casualties were cut down more than half.

LEFT TO CHANCE

The name of Portland, Ore., was decided by the flip of a coin. Two names, Portland and Boston, the home towns of two real estate men, were considered, and Portland won.

Price Control And Rationing Information

Q.—Our school is situated quite far from town and we would like to serve hot lunches to children by the middle of October. Is it possible to get rationed foods for these lunches?

A.—Yes, it is. Schools wishing to serve hot lunches to school children can apply to Local Ration Board for permission to serve rationed foods. Arrangements will be made by registering them as quota users. But ration allowances will be given to cover only those children who cannot possibly go home for lunch.

Q.—I live on a farm and previous to the war found a use for every cotton bag that came into my home. I have recently heard that restrictions have been removed on the using of used bags. Will you kindly tell me if this is so?

A.—Rural housewives will be glad to know that the stocks of used bags have increased so that it is possible for restrictions to be removed. Used cotton bags need no longer be returned, and can also be bought for conversion into household articles.

Q.—May rationed commodities donated by members be offered for sale at a club tea?

A.—Yes, organizations may sell preserves donated by members but it is necessary to first secure authorization from your Local Ration Board.

Q.—Do soldiers' short leave ration books within a certain time?

A.—No. They can be presented any time. You probably know that you must serve nine meals before presenting any of these cards.

Q.—How long will Ration Book 4 be kept in use?

A.—All coupons in ration book 4 will expire December 31st, the third ration book expiring on the same date. Ration book 5 contains coupons for 50 weeks, so you will have to protect it against damage for a longer time than any of the previous books.

Please send your questions or your request for the pamphlet "Consumers' News" or the Blue Book (the book in which you keep track of your rationing prices) mentioning the name of this paper to the nearest Wartime Prices Trade Board office in your province.

"Constipation gone...this easy way"

"I'm delighted I found out about ALL-BRAN for I ended my constipation woes. It rid me of taking laxatives—which never helped me—and now I feel like a new man. I'm an ALL-BRAN regular, I wouldn't miss taking this gentle-acting cereal for worlds. If you suffer from constipation due to lack of 'bulk' in the diet, eat or in several meals every day—a drink plenty of water. Remember, it's a delicious wholesome cereal—a medicine. Get ALL-BRAN today, at your grocer's. 2 handy sizes. Made by Kellogg's in London, Canada."

Can Be Dangerous
Housewives Should Be Careful About Mixing Different Cleaners

There is a lesson for housewives in the curious case of the Birmingham woman who was nearly killed by poison gas while scrubbing her bath, states the London Daily Mail.

It is never mix two different kinds of household cleaners. Birmingham City Analyst revealed the cause in his quarterly report, stating that the misadventure resulted from the combined use of two proprietary brands of household cleansers.

The housewife sprinkled two ounces of a powder cleaner on her bath, and then, anxious to get the surface as clean as possible, added about half a pint of a liquid.

There was lots of fazing, but the woman had lost her sense of smell in childhood and did not realize a poison gas was being given off.

The gas was chlorine, which was used by the Germans in the last war. The woman fainted, came round again, crawled into the garden, and eventually recovered under medical treatment.

ADDED TO TROUBLES
Notified by the telephone office he had a collect telegram waiting, a financially embarrassed sergeant at Camp Roberts, Cal., borrowed the \$1.30 due to read this message from his wife:

"Please send \$10 home immediately."

Sparks from a piece of chromium steel held against a grinding wheel come in shower-like bursts; sparks from ordinary carbon steel go in simple, straight lines.

Power Of Science

Our Aim Must Be To Improve Men And Not Machines

The power of science is producing day by day amazingly perfect machines which appear almost able to take the place of human intelligence. Of this the recently completed "automatic sequence-controlled calculator" is an outstanding example.

It is of vital importance to remember that machines however excellent are only machines, and that the human being who copies them or endeavors to imitate them in any guise is preparing for a machine-made life.

The man who is not a machine will read and reflect. He will reason and ask questions. He will turn to the world's wisdom in order to get help for the elevation of the plane on which his own life is to be passed.

If a practical plan can be worked out by which all training shall rest on liberal education even though limited, as a foundation, then we shall be opening the door toward progress in the world such as we have never yet been able to achieve. We must not turn from the education of men to the making of machines.

Advance must be given that our educational system will do all that is possible to make liberal education in some form, however limited in time, the foundation as well as the ideal of all training of any kind. This will reduce to a minimum the number of skilled human machines who have never risen to be really men. Our constant aim must be men and not machines.—Address by Dr. Butler at Columbia.

Girdles The Globe

India Has Powerful Short-Wave Station At Delhi

Ten times as powerful as any other All-India Radio short-wave station and giving a beam signal capable of girdling the globe, a new transmitter at Delhi has been broadcasting a 200-hour program service since May 1. This is All India Radio's 100 kilowatt short-wave transmitter. This new high-power transmitting station is located outside Delhi on a site extending over 300 acres of land.

RECIPES

DRUM STICKS MAKE AN ENTRANCE

One of the most delicious ways to serve round steak, veal slices or pork chops is in the style of Mock Drum Sticks covered with a golden crisp coating of browned corn flake crumbs. The use of a crisp cereal in virtually all dishes calling for fine "crumbs" is a cooking shortcut that busy housewives endorse. The taste of meat flakes roll quickly and easily to crumbs of any desired consistency, and the cereal is always available.

Mock Drum Sticks (your butcher may be persuaded to wrap the slices of meat around the skewers for you) are dipped first in the crumbs, then in slightly beaten eggs and milk to which seasonings have been added, and finally, a second time in corn flake crumbs. The Drum Sticks are browned quickly in hot fat. All meat covered with water is added, they are covered tightly and baked in a moderate oven (350 degrees) about one hour or until tender.

Mock Drum Sticks

1 1/2 lbs. veal or pork steak, six skewers cut thin
2 cups corn flakes
2 eggs
2 tablespoons milk
1 teaspoon salt
1/4 teaspoon pepper
3 tablespoons fat
1 cup water

Cut meat into strips and roll around skewers in the shape of drum sticks.

Roll corn flakes into fine crumbs. Cover drum sticks with crumbs, then dip in slightly beaten egg to which milk and seasonings have been added. Roll again in crumbs. Brown drum sticks quickly in fat. Add water, cover tightly and bake in moderate oven (350 degrees F.) about one hour or until tender.

Yield: Six servings.

A delicious salad dressing can be made by combining 1 cup cottage cheese, 1 tablespoon mayonnaise, 2 tablespoons catsup or chili sauce and 1/4 cup chopped olives. Served on head lettuce accompanied by plenty of crisp energizing crackers, it furnishes a light, but filling luncheon.

ON YOUR FEET ALL DAY?

JUST PAY ON SLOAN'S FOR QUICK RELIEF FROM ACHING FEET

SLOAN'S
LINIMENT

A Few Drops

Up Each Nostril Quickly Relieve

Stiffness of Catarrh

Specialized Medication Works Fast
Right Where Trouble Is!

Soothing relief from stuffy, painful distress of acute catarrh comes fast as Va-tro-nol spreads through the nose, reduces swollen membranes—soothes irritation, relieves congestion, helps flush out cold-clogged nasal passages. Makes breathing easier—**VICKS** try it! Follow directions in package. **VA-TRO-NOL**

THE NEW ALL-FABRIC Tintex..

GUARANTEED TO DYE EVERY FABRIC INCLUDING

CELANES, NYLON AND MIXTURES

INSIST ON TINTEX! ON SALE AT ALL DRUG, CHAIN AND DEPARTMENT STORES

Here a CWAC

There a CWAC

FOOD—Sunday morning breakfast at the C.W.A.C. Training Centre, Ste. Anne de Bellevue, is an occasion of informality now. For the CWAC, instead of going on a formal breakfast parade, are allowed to start Sundays in a leisurely fashion in the recreation hall. Here tables are set with plates of butter, jam, marmalade and honey. A toaster is plugged in and bread, tea and coffee are provided across the counter by the canteen staff. Needless to say, this service is heavily patronized and, when the breakfast hour is over, uniforms are donned for church parade.

The proud distinction of having actually steered a course on the famous "Elusive", schooner which trim lines have been reproduced on the Canadian ten-pence piece, goes to Pte. Agnes Demone, C.W.A.C. of Lunenburg, N.S. Pte. Demone is also distinctive in the fact that she graduated from Dalhousie University in Halifax, at the unusually early age of 19. Holder of a Bachelor of Science Degree, she was employed for two years prior to her enlistment in the C.W.C., both with the United Kingdom Technical Mission and with Dominion Engineering works at Dorval. She is stationed in Montreal, P.Q.

PERSONALITY

Major Pearl Brent of Edmonton, Alta., Officer Commanding No. 103 Depot Company C.W.A.C. in Kingston, is a woman of her word. At the start of a recent league softball game in which personnel of her company were participating, she was giving encouragement to her team when Pte. A. Wenzner of Saskatoon, Sask., asked the O.C. what the prize would be if she knocked a "home".

The biggest stick dinner you ever ate, was the O.C.'s reply. In the fifth inning, Pte. Wenzner knocked a line drive that would have done credit to a major leaguer and sped around all four bases for her homer. Back at the barracks, it took the biggest platter in the mess to hold the steak as it lay on a bed of salad and French fries. Major Bren, herself, carried in the platter and with fitting ceremony, presented it to the lucky private.

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FOR DOG OWNERS
It is unfair to the dog to permit him to become a tramp. Sooner or later he will be run down by an automobile, stolen, or possibly poisoned. It is also unfair to one's neighbor. Dog-ownership involves something more than buying a licence, feeding a dog and providing it with a place to sleep. It calls for thoughtful, kindly supervision and treatment of the family pet—plus respect for the rights of others.—Halifax Herald.

SHIPYARD IMPROVEMENT PLAN
Capital assistance given by the British government towards shipyard improvement schemes now amounts to \$26,580,000. The plan covers development and modernization, including an extension of welding. The total estimated cost, is \$39,870,000.

SMILE AWHILE

Young Donald had told his favorite uncle that his mother was very funny about some things.

When the uncle asked why he thought so, Donald said:

"Well, when we have mince pie for dinner she asks me whether I will have some, but when we have spinach, she just gives it to me."

"What is a debtor?"

"A man who owes money."

"And what is a creditor?"

"A man who thinks he's going to get it back."

The head of the firm was frowning over a letter. Calling for his chief clerk, he said: "That typist—"

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FLYING BOMBS

How Britain Stood Up Under The Recent Attacks

Col. Llewellyn gave the public some interesting facts about the way in which food supplies were maintained during the recent flying bomb attacks when he presided over the Press Conference on September 12th. These attacks did not take the Ministry unaware and preparations to meet them were begun at the end of 1943. Few people realize that in London alone the Ministry has to feed the equivalent of 500 Army divisions and that to do this it is necessary, among other things, to distribute 1½ million loaves of bread and three million pints of milk every day. The Minister paid a warm tribute to the way in which men and women engaged in the food processing, distributing and catering trades have stood up to the test during the last 12 weeks and have literally "delivered the goods".

During the attack over 200 warehouses and wholesalers' premises and nearly 1,200 retail shops in London were so severely damaged that salvage operations were necessary, while a substantial number suffered minor damage. For instance, one of the large milk distributors, within six weeks of the start of the attacks, reported that 198 of its 250 shops had been damaged, some more than once. The amount of damage done in the S.E. Division, however, was surprisingly small, although 50 per cent. more bombs came down there than in London itself. Despite ever-increasing strain and discomfort, there was no hitch in wholesale distribution and retailers were able to carry on by virtue of their mutual assistance. Special praise is due to the transport workers, warehousemen and staffs of cold stores who kept the food moving from the ship to the consumer, and to the milk roundsmen and the women and girls engaged in milk bottling.

Fleet Train For Britain

Will Make Navy Independent Of Shore Bases For Some Time

Prime Minister Churchill disclosed that Britain has created an "immense fleet train" to make naval ships independent of the main shore bases for a long time and said a "substantial portion" of these vessels were building in Canada.

The Prime Minister spoke of the fleet train in describing the part the Royal Navy would play in the war against Japan.

The Prime Minister explained the fleet train consists of many vessels "large and medium especially fitted as repair ships, recreational ships for personnel, munition and provision ships and many modern variants in order that our fleet may have a degree of mobility which for several months together will make them largely independent of the main shore bases."

Hotel Thefts

In Germany Cutlery Is Chained To The Table

I hear on reliable authority that many hotel and restaurant proprietors in Germany have had to fix their cutlery to the tables, so constant has been the theft of knives, forks and spoons.

It seems that members of bombed-out families, who have lost their cutlery and are unable to replace it, have been helping themselves when out to dinner or supper.

Even the precaution of chaining the things to tables has not prevented thefts, and as a safeguard cutlery have now been authorized to demand a deposit of approximately £1 for the use of cutlery before a meal is served. After the meal the things have to be returned to the "control office", where the money is refunded.—Belfast News Letter.

WHERE HE LIVED

"You have such strange names for your towns," an Englishman remarked to an American soldier. "Weehawken, Hoboken, Poughkeepsie and others."

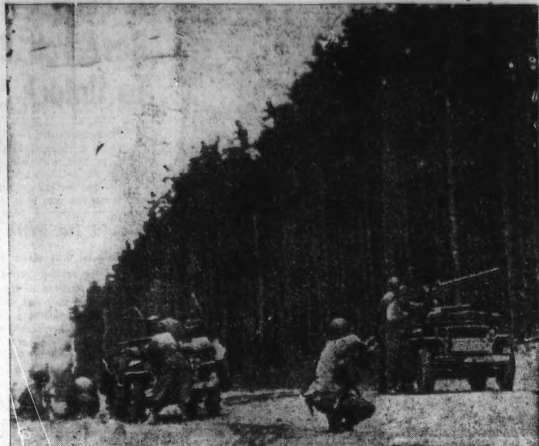
"I suppose they do sound queer to English ears," said the American thoughtfully. "Do you live in London all the time?"

"Oh, no!" said the unsuspicious Briton. "I spend part of my time at Chipping Norton, and then I've a place at Pickett-on-the-Hike."

JOB WILL BE DULL

The vital statistics branch of the Dominion Bureau of Statistics is to be enlarged, says the Ottawa Citizen. This ingenuity about Canadians at least will help to provide a few more jobs to ensure full employment in the postwar world. But think what dull jobs they are likely to be with official curiosity over men, women and children in Canada reduced to an interminable series of figures.

Allied Pressure Maintained Inside Germany



Guns mounted on Jeeps and a mortar (left), bombard a German position from the side of a wood "somewhere inside Germany". Along the entire front from Holland to the Mediterranean Allied pressure is being maintained against the German line of resistance. Gains have been made in some sectors.

Lesson To Be Learned

Nations Must Realize Death-Knell Of Isolation Has Been Reached

The explosions of the robot bombs in London are truly explosions heard round the world. Their significance could not be lost upon the delegates to the Dumbarton Oaks three-power conference. Their significance cannot be lost upon any of the people of the world. These explosions have sounded the death-knell of the idea that there will be any place of isolation in all the world in the event of another war. The robot bombs have made it more imperative than ever that the nations of the world come clearly to the recognition of the necessity for preventing another war from engulfing mankind. This can only be achieved by the united effort of all the nations, the small and the great alike. Dumbarton Oaks, and the conference which are to follow, may be our last chance to learn the lesson which all experience teaches, a lesson hammered home by the explosions of robot bombs in London—unless we can devise a system of world collective security which will prevent another war, the days of our civilization are numbered.—Winnipeg Free Press.

If Really Interested

Anyone Can Learn To Understand Language Of The Bible

We are not impressed by people who say that the language of the Bible is out of date; the language of the Bible is the cream of a great period of English prose, and we do not believe that it can be improved upon. If there are people who find the language of the Bible hard to understand, let them educate themselves to understand it, and if they cannot do that there are plenty of clergymen who will help them, in church or out of it.—Peterboro Examiner.

Questioning Boulogne Defender

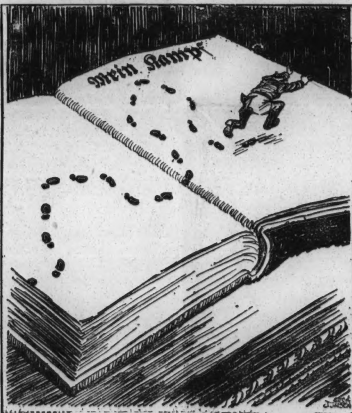


Maj.-Gen. D. Charles Spry, facing camera, talking to a prisoner at a camp where German defenders of Boulogne are interned. With him are Sergt. J. Lamlie, left, interpreter, of Montreal, Que., and Capt. D. M. Osborne, right of Winnipeg Man.

Navy Is Needed

Canadians Will Want An Effective Sea Force After The War

For years before the war our naval policy was bogged down in controversy. Fortunately it was that when we came we were able to come through with a force that has really counted in the determination of victory. No Canadian, we believe, is willing that our naval position in the future be again left to chance. Our national dignity, if not our possible safety demands that we have a permanent and effective sea force, which will carry on in the traditions being established by our sailors in this war.—Victoria Times.



WRITING THE FINAL PAGES

Flax Fibre

About 40,000 Acres Now To Fibre Flax In Canada

Commercial production of fibre flax in Canada in 1944 covers about 40,000 acres and has an estimated value of four million dollars.

Most of this flax goes to Britain where it is spun into thread and yarn for the manufacture of parachute cords, collision mats, coverings for guns and airplanes, and other essential products. Even the comparatively small amount remaining in Canada has its manufacture restricted to wartime uses.

When war ends, the needs of civilians, unfilled for many wartime years, will, it is expected, create a new demand for fibre flax. But in attempting to meet this demand the Canadian producer will be obliged to compete with producers in other countries. He must be prepared both to lower his production cost and to raise the quality of his product. In the meantime, the Canadian producer is protected by the Government which buys his entire acceptable output and which has an assured market for a short time after the end of the war.

In achieving their present output of fibre flax, Canadian producers have been guided and helped by the work carried on by the Dominion Experimental Farms. This work has been contributed to increased yields and improved quality of the product.

Free Trees For Farmers

4,418,000 Trees Have Been Shipped Out To Farmers

Since the Dominion Forestry Stations at Indian Head and Rutherford were established in 1901, a total of 197,252,000 deciduous trees have been distributed free to 182,881 farms in the prairie provinces. In 1940 the distribution of evergreen trees was begun from these stations for which a nominal charge of one dollar per 100 trees is made. In the past 34 years more than 4,418,000 such trees have been shipped to 27,320 farms.

Particulars of how to obtain trees for shelter belts and farm woodlots can be obtained from the Superintendent, Dominion Forestry Station, Indian Head or Rutherford. The trees are shipped out in the spring and with each consignment go instructions on how to plant and maintain them.

Lived As He Pleased

Late Sir William Mulock Insisted On Having Individual Freedom

What made Sir William Mulock so enviable and fascinating a figure to the great multitude of less fortunate men was his successful insistence upon his individual freedom to live his life and do his work upon his own terms and conditions. A great deal of his time and talent went to the public service without thought of reward (what his University owes him President Cody has already tried to tell) and he helped innumerable lame dogs over stiles. But he did not suffer fools gladly; he had little patience with fads, and said so to the faddists. His habits and his ways of life were his own business.—Montreal Star.

Three million bats live in the Carlsbad caverns of New Mexico, according to estimates.

GERMAN PLAN

Hold Prisoners As Hostages To Exchange For War Criminals

A Stockholm dispatch said that Germany has revealed she intends to move King Leopold of Belgium and other prominent prisoners to Japan as hostages to be exchanged for Adolf Hitler or other Nazi war criminals who may fall into Allied hands after the fall of the Reich.

If any captured Nazi leader is sentenced to death, a hostage will pay the same price simultaneously in Germany or Japan under the plan, the dispatch said.

The Stockholm correspondent of The London Daily Mail said the plot was disclosed in Reichsmarshal Hermann Goering's own newspaper, the *Koener National Zeitung*.

"National Socialist leaders are about to organize counter-measures against trials of war criminals," which are forecast to occur after Germany's defeat," the *National Zeitung* said.

"Among well-known prisoners in Germany, the most outstanding will be selected to serve as hostages. They will be taken to Japan, whence they will be exchanged with prominent Nazis captured by the Allies."

The Daily Mail correspondent went on to say he had learned that if the exchange plan fails, the hostages will pay with their lives for any Nazi leaders executed.

The dispatch did not say how the prisoners would be moved to Japan, but it was presumed the plan envisioned use of long-range submarines.

In addition to King Leopold and his family the Germans also have in their hands a number of prominent French, Dutch and Norwegian officials, including several former French premiers. King Christian of Denmark, though not a prisoner, also is in territory occupied by the Germans.

Berlin, visiting in Stockholm told the Daily Mail correspondent, he said, that the Germans also believed they had sufficient captive British, French, Russian and other Allied generals to cover all German generals likely to be accused of atrocities.

The Berlin correspondent of the Stockholm Morgontidningen said Gen. Tadeusz (Bor) Komorowski, leader of one of the Polish resistance forces, already had been designated a hostage and "will play an important part in Germany's plans in the near future."

The Farm Tractor

Can Use Farm Machinery More Hours Per Year

Although the average farm tractor is used less than 350 hours a year, many well-balanced farms operate their tractors more than 800 hours a year. Tillage equipment averages only 300 hours' useful operation a year, but in the hands of some owners is used for as many as 450 hours a year.

The annual use of harvesting equipment is 120 hours a year on the average, but on some farms it is engaged in useful work for 225 hours a year.

To the Dominion Department of Agriculture, these comparisons indicate that most machinery on Canadian farms can be used more hours per year at greater savings to their owners and reduced costs to the farming community as a whole.

Improving On Nature

Scientists Are Helpful But They May Go Too Far

Peaches, the scientists say, are soon to be safe for anybody (they refer to the kinds that grow in orchards). California packers have a new machine that defusses them, and the New Jersey Agricultural Experiment Station has developed strains that contain hardly any acid to speak of. No doubt these perfectionists will be perfecting water-melons next, and roses and rainbows and sunsets, and after that perhaps they will turn their attention to nice, crisp five-dollar bills and make them safe for us all. Science is so helpful.—New York Times.

MOLASSES FOR LIVE HOOK

Although molasses is rationed when sold in small quantities, "blackstrap" may be purchased in bulk (130 fluid ounces or more) for feeding to live stock. Special purchase of rationed molasses up to two gallons per animal may be authorized by a veterinary in special cases.

BRAINING NON-FICTION

For every novel or volume of short stories, the British public is reading from seven to ten non-fiction books. London bookstores reported recently that not a single novel is included in some of their weekly best-seller lists. Warbooks, autobiographies, histories, art, opium and poetry are among the leaders.

8590

The Return Of The Nascopie After A Very Successful Trip High Above The Arctic Circle

THE Nascopie came back from the North, to report "a fine trip" and everything well with residents of Canada's outposts high above the Arctic Circle. The Hudson's Bay Company ship completed her three-month, 12,000-mile jaunt with hardly a hitch and right on schedule. That was a far cry from the terrible ice conditions of last year which forced the temporary closing of Fort Ross on the southern coast of Somerset Island and delayed the veteran icebreaker almost a month.

Fort Ross was reopened this trip, when the 32-year-old Nascopie crashed through to the site with comparative ease. It was the first time in three years that she had been able to reach Fort Ross, the port having been closed and the post manager and his assistants brought out by plane after the Nascopie had failed to run in supplies last year and in 1942.

Captain F. T. Smellie, O.B.E., of Winnipeg and Major D. L. McKend of Ottawa, superintendent of Arctic control for the Dominion government, agreed that "everything went fine" this time and that the 6,500 white and Eskimo residents of the north were "in good condition."

The Nascopie carried 35 passengers when she completed her trip, including a two-month-old baby, two children and an Eskimo dog. Most of the passengers were Hudson's Bay Company and Royal Canadian Mounted Police personnel returning home after they had been relieved at their northern posts.

Only the baby and the dog were catching their first glimpse of civilization as the ship came up the St. Lawrence, and neither seemed impressed. Amid the shouted greetings as the icebreaker was warped into berth, the baby cried and the dog yawned.

The baby was the infant daughter of Cpl. W. E. Hastie, R.C.M.P., and Mrs. Hastie. Cpl. Hastie, from Balcarres, Sask., had been stationed for four years within the Arctic Circle and Mrs. Hastie, formerly of Moncton, N.B., joined him there two years ago.

The other two children were Marion, eight, and Jean, six—daughters of Dr. and Mrs. William N. McKee of Kingston, Ont., who came out with their parents after two years at Pangnirtung, on the southeast coast of Baffin Island. Dr. McKee, representing the Department of Lands and Mines, was medical officer at Pangnirtung.

Only once did the Nascopie have trouble crashing her reinforced bow through the ice to an outpost. She failed on her first attempt to enter Cape Smith and her outward trip, but made it on the way back after visiting Churchill and a number of smaller posts. At Cape Smith she dropped Mr. and Mrs. W. A. Heslop, who had been flown out of Fort Ross the year before.

Three days after she left Montreal early in July, the Nascopie was the scene of an emergency operation, when Terry Bickley of Montreal, 16-year-old cabin boy, was stricken with appendix trouble. Dr. George Hooper of Ottawa performed a "highly successful" operation in the ship's dispensary, using instruments of Dr. L. B. Amyot of Schenectady, N.Y., dental officer aboard. Young Terry later was left behind at Cartwright, Labrador, and from there was flown home.

Plan New Uniform

British Army Will Not March Into Berlin In Battledress

Mass production of a new victory uniform for the British army—to be known as "V-U"—will be started shortly, it was disclosed, so it may be ready when Allied troops stage their expected victory march through Berlin.

The new uniform will not be of the battledress type, and military tailoring experts describe it as "the smartest thing ever."

Cut from khaki cloth, the tunic will have lapels and shiny plastic buttons and will be worn with collar and tie. The trousers are a non-crease style.

In Ottawa, Canadian army officials said descriptions of the new British uniform appeared to correspond closely to the walking-out uniform introduced in the Canadian army two years ago.

EVERYBODY'S JOB

So many people are asking what the Government is going to do for the returned men, what are we, ourselves, as citizens going to do to help provide jobs for all? Surely we have responsibilities individually as well as collectively, says the Lethbridge Herald.

In Tibet, Rice is a luxury, eaten only by the wealthy.

Neither Too Young Nor Too Old



Ante, the youngest of them all does his daily dose on his hospital cot on the island of Vis, Yugoslavia. "Attending" a mine and sabotage school run by the British on the island young Yugoslav patriot Ante got hold of a hand grenade. He hurled the grenade at some chickens—almost blowing his own foot off. This photograph was made as the young chicken grenadier, veteran of the battle of the barnyard was well on the way to recovery.

AIR CARGOES

During the first six months of 1944 about 22,000,000 pounds of air cargoes were flown over the global aerial freight system. About one-third of the total cargoes carried were strategic raw materials for the U.S.S.R. and the United Kingdom.

A small Bermuda fish covers itself with sand when it goes to sleep.

USED FOR MEDICINE

Witch hazel was first used for medicinal purposes, but is now widely used in beauty preparations for the face and hands. It is derived from the bark of a North American shrub.

Medieval surgeons used wine as an anesthetic, giving it to patients until they passed out.

Royal Family Visit R.C.A.F. Bomber Group In Britain



His Majesty The King, accompanied by The Queen and Princess Elizabeth, recently visited many of the stations of the R.C.A.F. Bomber Group Overseas to make presentations of awards to many officers and men and to congratulate aircrew and groundcrew personnel on the excellent record they had established during thousands of bombing trips over Germany and occupied France. In the top picture The King and Queen chat with Group Captain F. A. Sampson, Toronto, and Air Commodore R. A. McBurney, Ottawa, left to right respectively. Air Marshal L. B. Broadner, Ottawa, Air Officer Commanding in Chief of the R.C.A.F. Overseas, extreme left, and Princess Elizabeth look on. Lower left, The Queen talks to Flight Sgt. Black, Montreal, during an inspection by Her Majesty of officers and men at one of the bomber stations. Behind the Queen, left to right, are Vice-Marshal C. M. McEwan, Montreal; Air Commodore C. R. Eason, Bowmanville and Winnipeg; and Princess Elizabeth. Lower right: The King has just made the presentation of the Moose Squadron plaque to Wing Commander W. Flessance, D.F.C. and Bar, Calgary, former C.O. of the Squadron. Left to right in the picture are The King, Squadron Leader D. Haggman, D.F.C., Saskatoon; Squadron Leader J. Stewart, D.F.C., Montreal, and W.C. Flessance.

A Comprehensive Program Of Research By Famous Scientists To Unlock Secrets Of The North

THE Arctic Institute of North America, with a 12-man board of governors, plans a comprehensive program to unlock the secrets of the Arctic Circle, so long neglected. The board is carefully balanced between executives of big business and world famous scientists. Six members represent Canada and six the United States. They plan to tackle the job in a big way when the war is over.

Could Do With More

But Canada Will Have Planes For International Aviation

Canada's position in the supply of airplanes for post-war international aviation is considerably better than that of most other countries, officials said in commenting on a Vancouver report which said the United States alone had a sufficient supply of planes.

Officials at Ottawa said while Canada "could do with more planes" she would have sufficient to meet her own domestic and international route requirements if the war did not end immediately.

Lancaster bombers, now being turned out in considerable numbers at Victory Aircraft, Malton, Ont., are regarded as having some peacetime possibilities and now are in service on a Trans-Canada Airlines trans-Atlantic route.

Canada, is however, pinning her major hope on the big Douglas DC-4 planes which are being built at Montreal and are scheduled for delivery late next year.

A new type of ice cream scoop makes it possible to fill cones clear down to the bottom.

While the governments of the interested countries will be asked to co-operate, particularly in the matter of proper mapping of the land of the Eskimo, the bulk of the financing will come from private sources, foundations and other funds built up for scientific research.

The Institute will have the co-operation of universities and there is no doubt there will be keen competition to join research parties in the Arctic and sub-Arctic when the Institute's program begins to function.

The grim, silent Arctic holds many secrets and never before has there been such a universal desire to delve into them.

For example, the magnetic pole is somewhere in the vicinity of Boothia Peninsula, but scientists know that it shifts about. How far does it shift, how fast and why?

In an outline of suggested activities decided on at a meeting in Montreal on Sept. 8, the institute proposes to make a history "of marine submergence and emergence of North American Arctic lands. Enormous areas have been recently and perhaps repeatedly submerged. The results of this study are important for geophysics, plant and animal ecology and anthropology."

Then there are the northern lights and their effect on radio and other communications. There will be expeditions to study them and their related phenomena.

A study of the glaciers of Alaska, Arctic Canada, Ellesmere Island will be made with special emphasis on the ice cap over a large part of Greenland.

Those interesting people, the Eskimos will be studied. Did they really come over from Asia and when? Then again, why does the Eskimo never have cancer? There has been some study given to that already.

There is a wide field for study of the animal life of the Arctic. Its principal crop is white fox pelts and white foxes reach their peak of abundance approximately every five years. Science will be asked to explain this cycle.

Air travel will give the institute great help. Constant touch with field parties will be simple by radio. In fact, it is going to be much easier to pry open the secrets of the Arctic now than a generation ago when comparative puny efforts were accomplished with so great hazards and so much hardship.

This Week's Needlework



7254

by Alice Brooks

Add a beanie and bag, crocheted in wool, to your wardrobe to give your Fall clothes the proper companionship. Done in single crochet.

A narrow ruffle gives the right finish. Make sets to match various outfits. Pattern 7254 has directions for hat and purse; stitches.

To obtain this pattern send twenty cents in coins (stamps cannot be accepted) to Household Arts Department, Winnipeg Newspaper Union, 176 McDermott Avenue E., Winnipeg, Man. Be sure you give the right Name, Address and Pattern Number. "Because of the slowness of the mails delivery of our patterns may take a few days longer than usual."

HELICOPTER RESCUE

The first official helicopter rescue took place when a coast guardman settled his "flying window" on an east coast sandbar and picked up a marooned boy.

Little Benny's Notebook

(By Lee Pope)

Pop was reading his paper and Ma was reading hers, saying, "The Germans still seem to be insisting they're the Master Race. That seems to be the whole cause of everything, doesn't it, William?"

I'm afraid it does, pop said. Of course a fair amount of national pride is understandable and even excusable, but when millions of heads suddenly get too big for millions of hats, something is bound to pop, he said, and Ma said, I know just what you mean. It's perfectly normal for everybody to take a limited pride in their own possessions and their own family. I remember very well when Benny was a baby I had a most comforting impression that he would of won first prize in any baby show where the judges weren't completely prejudiced, but still that didn't prevent me from listening in superior silence when other women bragged about their babies.

That's the spirit, pop said. For my part I'm quite convinced you're the most wonderful cook in the world and I'd rather eat a fried egg turned by your magic hand than the most complicated concoction created by the finest professional chef, but I don't go about crowing to other men that their entire Sunday dinner can't compare to a can of beans opened by my wife. Ma said, Well now that's very nice and I

U.S. CLERK GIVES WAR SECRETS TO GERMANY

Joseph P. Kennedy, former United States Ambassador to Great Britain, said at Hyannis, Mass., recently he assumed Germany had an "exact and complete" knowledge of Britain's position in the war from its start to October, 1940, through Tyler Kent, American London embassy code clerk.

Mr. Kennedy said in a telephoned interview that Winston Churchill, then First Lord of the Admiralty, had supplied full data on Britain's manpower, army and navy installations and preparedness, as well as disposition of forces, for transmission to President Roosevelt, and that after Kent's arrest he learned Kent had made copies of 1,500 documents "which he assumed he sent to Germany."

appreciate it. I admit I have an inner satisfied feeling that you're the best husband in the world, although I'm careful never to make tactless comparisons in public.

Sure, pop, go on, Ma, that's a way I am too, I said. I bet this is the greatest family in the world, and if any other fellows claimed different I'd knock their blocks off, but I don't go ahead and give them a good excuse to knock mine off first, and pop said, In other words the rest of us can hold our own when we're attacked by the terms of family superiority, but the Germans are running a high fever with serious complications, and they need radical treatment and by golly they're getting it.

Which they are.

UNITED CHURCH ADOPTS A NEW OFFICIAL SEAL

A scarf bearing a newly-approved official seal of the United Church of Canada was placed on the shoulders of Rt. Rev. Jesse H. Arup, elected September 8 at London, Ont., as Moderator of the 11th General Council of the Church.

The assembly gave approval to the new seal before the ceremony. It appears as an embroidered badge on the scarf and will be used on stationery used by the general assembly as well as by conferences, presbyteries and individual congregations.

The new seal is oval in form, circled by a ribbon bearing the words "The United Church of Canada; Ut Omnes Unum Sint." Divided into four segments, the seal has four emblems—the dove, the open Bible, the burning bush and the Greek letters, alpha and omega.

CROP FAILURE CLAUSE

The Saskatchewan government will introduce legislation at the coming session of the Legislature to make it obligatory to insert the crop failure clause in all farm mortgages in that province. It is proposed to define crop failure as a crop from which the amount realized is less than \$8 per acre of sown grain.

Teacher: "What makes you so late this morning?"

Pupil: "You see, sir, there are eight in our family."

Teacher: "Well?"

Pupil: "And the alarm was set for seven."

THE KING MEETS A GLADSTONE

(Montreal Gazette)

On his recent visit to the Home Fleet, the King spoke to a tall, fair-haired seaman who was an officer candidate. "My great-grandmother used to see a lot of your great-grandfather," said the King. "Meeting you here is history, and I wonder what they would think of it." The young seaman was Ensign William Gladstone, great-grandson of the celebrated Victorian statesman.

CO-OPS ACQUIRE FAMOUS OXFORD STREET STORE

One of the biggest single property transactions in London, England, in recent years has resulted in the London Co-operative Society acquiring an imposing store on Oxford Street, in the fashionable West End shopping centre. Owned by Peter Robinson, Ltd., the store was built sixteen years ago at a cost of a million dollars; the land property value is estimated at the same figure.

MEXICO FIGHTING TO RAISE STANDARDS

Of all the Latin-American countries, the Republic of Mexico, with 19,000,000 population, has the highest illiteracy rate—about 48 per cent. Recently President Camacho started a nation-wide drive to wipe out this blot. Under a "citizen-teacher" plan all able-bodied persons between the ages of 18 and 60 would teach at least one illiterate Mexican to read and write.

SUCCESSFUL

The little tot and her mother boarded the crowded bus. As the parent was paying the fare, the little girl called out brightly, "Oh, mother, I found a seat."

To the astonishment of a dignified gentleman, the little girl had clambered up into his lap, while the other passengers roared with laughter.

FREYBERG INJURED

Lt.-Gen. Sir Bernard Freyberg, V.C., general officer commanding the New Zealand expeditionary force, was injured when his reconnaissance aircraft crashed while landing at a forward airfield, Prime Minister Fraser announced in parliament at Wellington, New Zealand, recently.



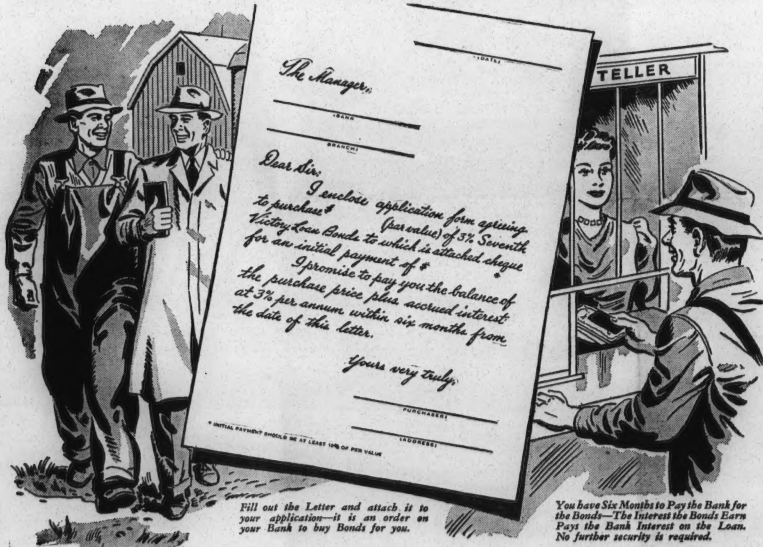
THEY are a bunch of "regular" fellows—the AIR CADETS. Keen, alert, active... training their bodies and their minds to take their places in the world of aviation the postwar years will bring. They'll get preference in R.C.A.F. and Civilian Aviation appointments. Tomorrow's best pilots, navigators, administrators are among them. They're learning a lot about aeronautics and related subjects now... having a lot of fun as well. This is your chance to join them... your opportunity to be one of them.

Join the 30,000 other Canadian Boys in
The AIR CADET LEAGUE
OF CANADA

Have a chat today with Mr. L. C. RADFORD
of No. 264 Rosebud Squadron

Your Victory Loan Salesman Has This Letter

IT ENABLES YOU TO BUY VICTORY BONDS THROUGH YOUR BANK ON CONVENIENT DEFERRED PAYMENTS



● You say you want to do all you can to help Canada's war effort. Then you will keep on buying Victory Bonds. You will buy all you can.

You recognize the obligation that we, at home, owe to our men overseas. You know that stocks of munitions which our fighting men need are being depleted and must be replaced. You know that more munitions must go forward—and you will buy Victory Bonds to help pay for them.

You would like to be able to buy more bonds, you say. Well here is how you can do it. You can buy more bonds with money as you get it. Any bank will loan you the

money to do this and the interest on the bonds will pay the cost of the bank loan. All you have to do is to sign the letter shown here—which you can get from your Victory Loan Salesman. You make a first payment of 10% or more when you apply for the bonds, and pay the balance at any time over a period of six months.

You will be doing an important war job when you do this. You will be helping your country and backing up her fighting men. You will get another reward, too, that will benefit yourself. You will have money, later on, when the war has been won—to do things you plan to do—money to improve your farm and your home.



Invest in Victory

Buy VICTORY BONDS

National War Finance Committee

FARMERS! WILL YOU HELP THIS WINTER?

If you are not required on the farm this winter you should take other work.

Extra winter workers are needed for woods operations—logging and pulpwood and fuel cutting—base metal mines, coal mines, meat packing and cold storage, grain handling, railway track maintenance, iron foundries and other high priority occupations, varying with the area.

Please offer your services to:

The nearest Employment and Selective Service Office; or
The nearest Provincial Agricultural Representative; or
Your Local Farm Production Committee.

A good response to this appeal is important to Canada's welfare—please act immediately.

Postponement of Military Training continues while in approved essential work off the farm.

NATIONAL SELECTIVE SERVICE

DEPARTMENT OF LABOUR

HUMPHREY MITCHELL A. MacNAMARA
Minister of Labour Director, National Selective Service

This advertisement is issued by the Dominion Department of Labour to aid of the Dominion-Provincial Farm Labour Programme.

INDUSTRIAL USES FOR FARM PRODUCTS

American Scientists Announce Many New Developments

(By Royal H. Plentz in The Wall Street Journal)

The men who transmuted broccoli tops and shriveled apples into valuable raw materials for industry are readying more surprise packages for market.

There will be paint brush bristles which originate in a pall of milk; a concentrated apple extract with 160 times the flavor strength of natural fruit juice; a coating for wood—cheap, resistant to heat, insoluble in alcohol—derived from the common white potato.

These are typical of a whole range of commercially valuable processes available free of charge to any American company which wants to use them. They will be turned over complete with records of pilot plant operations, with large-scale commercial production costs worked out to the last penny and surveys of raw material sources and potential markets.

The object of this wholesale philanthropy is to provide expanded industrial markets for the products of American farms. The United States Government finances the experimental work, performed at the new \$2 million Eastern Regional Laboratory of the Department of Agriculture and in three companion research centres located at New Orleans, Albany, Calif., and Peoria, Ill.

Together these laboratories comprise one of the nation's largest chemical and chemical engineering set-ups. Each of the four spends about a million dollars a year on research and development work. Authorized by Congress in 1938, they began full operation in 1941, staffed with some 600 chemists and other technical experts.

Each regional research centre specializes in finding new markets for the prime agricultural products of its area. One of the most publicized wartime substitutes, the so-called "apple honey" used in some cigarettes as a moisture-retaining stand-in for glycerine, was developed by the Philadelphia government laboratory in the course of its search for new uses for the East's apples.

The western laboratory has done a lot of pioneering work on dehydration. New Orleans' researchers have specialized on cotton, sweet potatoes and peanuts, and Peoria has centered its attention on the Midwest's corn, wheat, soybeans and agricultural residue products.

The regional laboratories work closely with potential industrial users and manufacturers of the products of their test tubes. In the early stages of commercial production the Government scientists are in constant contact with the pioneering private plants to help them over any rough spots.

This aid to industry is similarly carried on by informal exchange of ideas and information before a product is ready for its commercial try-out. In the case of the new paint brush bristle made from milk casin, samples were turned over to various manufacturers who tested them, suggested modifications and improvements. One at least of the large brush makers is now definitely planning commercial production, the Philadelphia laboratory reports, although it declines to reveal the company's name.

In the case of the "apple honey," actually an apple syrup with the taste removed, some 10 or 15 companies are in commercial production, including General Foods, Duffy Mott Corp., N.Y., and the Canadian Apple Products Co. In 1942, 3 million pounds of the syrup was produced and last year, despite crop shortages, output rose to between 4 million and 5 million pounds.

A primary objective of the apple syrup research as well as the new apple concentrate development was to find an industrial use for the approximately 6 million bushels of "culis," unsalable fruit, available each year.

The laboratory is hopeful that the new fruit concentrate process will prove to be its greatest triumph to date.

It forecasts possible large markets in the bakery, candy, ice cream, jelly-making and soft drink industry. The laboratory reports that food processors are showing marked interest and it expects commercial production to be in full swing next fall.

Using the process, the actual flavor of the fruit can be extracted from apple juice and concentrated to 150 times its natural strength. Research men are confident that the same technique can be applied to other fruits and perhaps to vegetables. Investigation of the full possibilities of the process are under way.

In the case of apples, the process is comparatively simple. The juice

Automatic Signals

C.P.R. Make Move To Speed Up Movement Of Trains

Installation of another 112 miles of automatic block signals on the Canadian Pacific Railway's main line—84.5 miles from Swift Current to Maple Creek, and another 28 miles west from Medicine Hat to a point west of Suffield, is almost complete, and soon the signal lights will be twinkling along a continuous 175 miles of single-track main line from Swift Current through Medicine Hat to the top of the hill at Suffield.

Operation of this long circuit will be of extraordinary value to busy dispatchers in moving the balance of western Canada's big grain crop, together with an undiminished flow of war goods and civilian needs over this important section of the transcontinental line. Automatic block signals, particularly on single track, result in speedier and safer operation. Signals installed on this part of the Alberta district are of the absolute permissive type, meaning that while they protect trains at all times from opposing traffic, they permit trains moving in the same direction to follow each other at closer intervals than would be possible with the ordinary means of manual dispatching.

By joining the 112 miles of new signal construction undertaken this summer with the 63 miles of block signal previously installed between Maple Creek and Medicine Hat, to provide the 175 continuous miles of block signal track, the Canadian Pacific has gone a long way to improve traffic conditions and to speed up movement of trains. On this section during the night all but two of the company's transcontinental passenger trains usually operating these days, with extra sections, make "meets," and the movement of freight trains is heavy.

Signal installations on the new 112 miles of the Alberta district were handled by a force of about 50 men engaged by the contractors, the General Railway Signal Company, and the work was supervised by the Canadian Pacific by C. R. Hodgdon, Winnipeg, signal engineer for western lines, and Arthur Davies, signal supervisor, Calgary. Railway section crews, of course did the necessary track work in connection with switches, including the removal of 42 switch lamps rendered no longer necessary by the acquisition of the signals.

The 175-mile section now blocked is integrated with a centralized train control block of seven miles extending from Medicine Hat to Dunsmuir, Alta. In this area, set up sixteen years ago, trains operate without written order and without regard to seniority or classification, working by signal. A control board in the dispatchers' office at Medicine Hat gives the position of trains which are moved as in a game of chess. Block signals, in fact, while perhaps confusing to the uninitiated are actually essentially simple in operation and provide excellent safeguards.

Carried out at a cost of about \$500,000 the new block signal installation from Swift Current to Maple Creek, and from Medicine Hat to Suffield, was started in May and has continued throughout the summer and fall. The work involved the installation of 469 relays and 100 relay cases. Relay cases contain the circuits and selectors which are the nerve controls of the whole set-up. These are placed at strategic intervals to control the movement of the signals and the lights which act as beacons for oncoming trains.

is subjected to heat and pressure, vaporized, and the volatile flavors extracted from the vapor and condensed.

Another important recent development of the Philadelphia laboratory is the use of white potatoes as the raw material for a new starch derivative, allyl starch, which appears to have promise as a wood-finish, for special paper coatings, textile impregnations and other uses. Wood coated with the material and heated a short while at relatively low temperatures acquires a finish resistant to all ordinary damaging agents, such as water, heat and acids.

Industrial production of the allyl starch won't get underway immediately because of the wartime shortage of an important chemical component, but the laboratory itself is about to begin pilot-plant output in commercial quantities.

Vegetable waste, such as turnip tops and broccolini leaves, the laboratory has demonstrated, can be used on a commercial basis to produce a high vitamin content poultry feed.

New, new equipment is being installed which will permit pilot plant operations in the extraction of the vitamins themselves from the leaf meal.

Signal Construction



Finishing touches are being applied to 112 miles of new block signal construction along the Canadian Pacific Railway main line from Swift Current to Maple Creek, and from Medicine Hat to Suffield, completing 175 continuous miles of signal operation from Swift Current to west of Medicine Hat. Photo shows J. W. Cartwright (top), signal inspector, Calgary, adjusting focus of the signal lights on a newly installed signal, west of Swift Current. Signal maintainer E. S. McCracken (below) sets the lower signal lights.

CHINESE CASUALTIES

In seven years of war against Japan the Chinese army has suffered over 2,800,000 casualties. But the sufferings of the civilian population have been even more severe.

ANSWERED IN CODE

When a lost plane over Hay, New South Wales, signalled "What town is this?" the reply was sent in Morse by switching on and off the lights in the clock in the post office tower.

Tribute To Dominions

Lord Of The Admiralty Has Word Of Praise For Canadian Navy

Labor parties of the Commonwealth made specific recommendations for transition "from a peoples' war to a peoples' peace" and heard a declaration that the greatest thing the dominions have done is demonstrate that parliamentary institutions and democracy will work.

The declaration came from Herbert Morrison, British home secretary and Labor party member, who said, "The greatest service the Commonwealth has rendered to the world is that these institutions can be such a blessing in themselves and for their own people and render such a service to mankind generally."

Mr. Morrison said he considered it right that one question confronting the Commonwealth was the best method of consultation. So far there had been broad agreement on foreign policy.

Tribute to the dominions came also from A. V. Alexander, first lord of the admiralty and another Labor party member, who praised the Royal Canadian Navy's escort work in the Atlantic and the activity of Australian cruisers in the Mediterranean.

It was settled, he said, that all the components of the Commonwealth must be together in the war against Japan.

"In peace and, if necessary, in war henceforth it will be necessary for the Royal Navies of the various parts of the Empire to stand ready to keep open the sea lanes for protection of our merchant fleets and consequent communications on which the Commonwealth depends for existence."

VALUE INCREASING

One of the United States oldest and most valuable clocks is the Tall Clock which stands in the library at Claremont, N.H. It is nine feet tall and is a duplicate of one in the Green Vault in the royal palace of the kings of Saxony in Dresden, Germany. It cost the owner \$1,000 when brought from Europe in 1880 and has since grown more valuable year by year.

Buy War Savings Stamps regularly

LIFE AND CUSTOMS OF BULGARIA

Derived Its Name From Bulgar Which Means "Man With A Plow"

Bulgaria, which is just south of Rumania, is a tiny little nation about the size of Kentucky (at the moment, but you know the Balkans), with a population of just over six and a half million. It is bounded on two sides by the Danube and the Black Sea, and has practically all of the Rhodope mountain range. The mountains lend their name to the Rhodope or, a five-inch Bulgarian cigarette with a rose-tinted filter, which costs as much as a good cigar there and is generally esteemed. In Bulgaria, puddings, pastries and jam are more likely than not to be flavoured with rose leaves. One of the romantic but lesser national industries is the making of attar of roses, a greenish-yellow jelly which is a common base of good perfumes. At several periods in history, attar of roses has cost more than gold; the current quotation here hovers just under ten dollars an ounce. It is made from rose petals, which are picked at dawn by Bulgarian maidens and loaded on to small donkeys. It takes two hundred and fifty pounds to make an ounce.

Sofia, the capital of Bulgaria and the geographic centre of the Balkans, dates back to the days of the invading Roman emperor Trajan. For the past 60 years it has been almost completely Europeanized. A good many restaurants there, and in other Bulgarian cities are called Chuchulgas, which means "The Skylark," just because that's a fashionable name for a Bulgarian restaurant. The male peasants wear ashen, in which they keep money, cigarettes and the like. They all carry bryuzitsa, wooden beads which keep the hands occupied and help the wearer cut down on his smoking. Next to the mayor, the most important man in a village is the undertaker, who is assumed to have special knowledge of how one's relatives may be prevented from turning into "vampires" after their funeral. The internal politics of Bulgaria are generally winding up in jail, and in her international politics she has made a series of sad grandiose mistakes. One of the national heroes of Bulgaria is a London Times correspondent, the late James Bourchier, who did a lot for Bulgarian independence; he's buried there. One of the things that upset Bulgaria in the Middle Ages was a sect called the Bogomils. They were heretics who believed in celibacy. They carried matters so far that finally they were massacred by the Bulgarian Orthodox Church.

"Bulgar" means literally, "man with a plow." When a Bulgarian boy wants to get married, he puts on a pair of high laced boots as a signal. Convention dictates that he choose a woman older than himself. Bulgarians rarely get drunk. They are devoted to football (English style) but can't play very well. They are frugal, patient, industrious, suspicious of strangers, practical, and obstinate—something like the lovable old natives of Maine and New Hampshire. The women do much of the work on the farms and stand by when their husbands enter the room. Solo dancing is considered immoral. The Bulgarian language is really something—twenty-four tenses to a verb—New Yorker.

Miniature Radio Set



Belgium-Dutch civilian shows R.C.A.F. members miniature radio set he used to hear BBC reports. His son WO. Rex Holland of R.A.F. returned with Canadians to greet him after a separation of six years. Sgt. Reg. Capleman, Calgary, listens while WO. C. E. Pinnott, Victoria, B.C., watches from right.

Canadians Happy Over Boulogne Fall



Canadian soldiers watching an explosion at Camp D'Apreux, south of Boulogne, where the last enemy forces were being cleaned up, smile with pleasure at having taken the French city. In centre, wearing some souvenirs (German medals), is Pte. M. Wright.

GEMS OF THOUGHT

CHEERFULNESS

Between levity and cheerfulness there is a wide distinction; the mind that is most open to the former is frequently a stranger to the latter.—Blair.

The highest wisdom is continual cheerfulness; such a state, like the region above the moon, is always clear and serene.—Montaigne.

If good people would but make their goodness agreeable, and smile instead of frowning in their virtue, how many would they win to the good cause.—Usher.

He who sees most clearly and enlightens other minds most readily, keeps his own lamp trimmed and burning.—Mary Baker Eddy.

Cheerfulness keeps up a kind of daylight in the mind, filling it with a steady and perpetual serenity.—Addison.

A laugh, to be joyous, must flow from a joyous heart, for without kindness there can be no true joy.—Carlyle.

Ching-Nung is reputed to have been the first to teach Chinese the method of making bread from wheat and wine from rice in 1608, B.C.

WORLD HAPPENINGS
BRIEFLY TOLD

Royal Australian Air Force casualties up to the end of June, 1944, totalled 10,814, exclusive of deaths from natural causes.

Issue of a victory series of Canadian stamps is receiving consideration by postal authorities. No definite decisions have been reached.

Marshal Tito's Yugoslav council of National Liberation has been promised 500,000 tons of wheat by the Soviet government, said BBC broadcast.

The Canadian commander who led the final assault on Boulogne was Brig. J. M. Rockingham of British Columbia.

The United Kingdom has agreed to purchase 50,000 tons of Canadian frozen beef before the end of 1944 and another 60,000 tons in 1945.

The war department reported there were 300,382 prisoners of war in the United States on Oct. 11: 248,203 Germans, 51,034 Italians and 1,145 Japanese.

After four years of persecution by the Nazis, Paul Langevin, Nobel prize winner in chemistry, is back in Paris at his old post as director of the School of Physics and Chemistry.

Out-of-the-way countries are adopting telephones more and more. Just prior to the war, the Fiji Islands had 900, Albania 1,121, Belgian Congo 1,420, Iceland 4,773 and Nigeria 2,000.

The German aircraft industry, driven underground by the Allied bombing, was converted to producing converting French iron mines in the Alsace area into bomb-proof factories on a huge scale.

ODD BITS
ABOUT OUR
ARMED FORCES

Major Michael David Mitchell, Royal Canadian Army Medical Corps, 40, of Maple Creek, Sask., who has been camp medical officer at Chilliwack, B.C., has been promoted acting lieutenant-colonel and appointed to command Shilo Camp Military Hospital and to be camp medical officer at Shilo Camp, Man., the Defence Department announced.

German prisoners of war interned in Canada are not idle. Vegetables grown in interment camp gardens frequently supplement standard rations. German bakers, chefs and butchers prepare meals for their fellow-prisoners. In camp workshops inmates make furniture, clothing and other useful articles, as well as preparing shoes and equipment.

Makeup is an art with Army Show detachments behind the lines. With little facility for moving equipment, the troupe travel light and make use of anything handy to rig up props for their show. Truck platforms, empty T.N.T. cases, even Spitfire crates have formed impromptu stages for the laughing, singing, dancing, wise-cracking young Canadians.

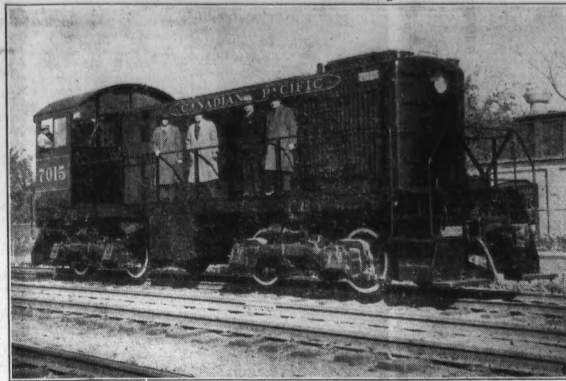
Periods of convalescence for wounded Canadian soldiers will be shortened considerably in the future, and the men will be returned to duty without a drastic loss of weight. Reasons for the improvement is a new "milkshake" incorporating various body-building elements and supplementing regular meals. Developed by Medical Corps Research workers, the "milkshake" will be given twice daily to wounded soldiers in hospital.

"From Greenland's icy mountains to India's coral strand" the Canadian Army will protect its soldiers from the caprices of climate. In sub-normal temperatures across the Dominion, experts are conducting tests to determine clothing and ration needs suitable in dry-cold and wet-cold areas and on ships in northern latitudes. The theory of "much and woolly" has been discarded in the matter of warmth-inducing apparel, and Canada's fighting men may now remain lightly and comfortably clad while facing the fiercest blizzard.

Major Robert Stephens, 53, of Ottawa, has been promoted acting lieutenant-colonel and appointed assistant-director, Postal Services, Base Post Office, Ottawa, the National Defence Department announced. Lieutenant-Col. Stephens has been serving as deputy assistant-director, having been promoted major November 1, 1943. His captaincy is dated from Sept. 1, 1942.

Mahogany trees frequently grow 100 feet high with trunks 60 to 80 feet high and three to seven feet in diameter in their native tropical forests.

Diesel-Electric Switch Engines



Delivered to western yards at a time when the yards are busy moving western Canada's big grain crop, five new Diesel-electric switch engines like the one shown above, are now helping the Canadian Pacific Railway at Winnipeg and Calgary. Built by the American Locomotive works and General Electric, these powerful units develop 600 volts from 1,000-horsepower Diesels and can hold their own with the biggest steam switchers. Both mechanical officials and engine crews who have handled them are enthusiastic about their performance. They are designed to work three shifts a day for 30 days and require only about an hour's suspension daily for lubrication and checking. Photo shows 7015, first of the series of five to reach the west, as it made a trial run in Winnipeg yards.

No Cause To Complain
War Conditions In Australia Much
Worse Than In Canada

A news dispatch revealed that the income taxes imposed on the people of Australia are higher than those upon the people of Canada. Not only are the rates higher, but they start in lower brackets of earnings.

Each country on the Allied side which was not occupied by the Germans and was able to exert its utmost effort will be able to publish reports after the war of its remarkable achievements, and in that effort Australia will rank about top in proportion to its population. Some months ago the Government was compelled to call men out of the army because the war industries and the farms were unable to cope with the demands made upon them. Food production for the American forces in the southwest Pacific has been one of the country's biggest jobs, and the people of Australia, a vast producer of foodstuffs, have gone shorter in the matter of food than in any other unoccupied land.

An American who recently visited Australia reports that the housewives are only able to concoct skimpy meals by the exercise of much ingenuity and after trudging miles from store to store in search of what they want. Eggs are even scarcer than in Britain, weeks elapsing between a single egg for breakfast. A meat ration in a hotel is no larger than a clam. Often there is no milk to put in tea or coffee. Paper is so scarce that shoppers have to bring their own wrapping. It is a common sight for a tea shop to exhibit a sign saying: "No soft drinks, no milk, no smokes, no films." The butter ration is down to six ounces a week.

The automobile owner in Canada with an A.A. card which entitles him to 120 gallons of gasoline a year and thinks that a hardship would have to be satisfied with from 1/4 to 1/2 gallons a month in Australia according to the horse-power of his car.—St. Thomas Times-Journal.

SOME GOOD POINTS

The real estate agent decided to be unusually frank with his prospective customer.

"Of course," he said, "this house has a few drawbacks. It is bounded on the north by the civic gas works; on the south by a synthetic rubber plant; on the east by a vinegar works; and on the west by a glue-manufacturing plant."

"But," continued the agent, before his prospective customer could protest, "There are advantages. The rent is cheap, and you can always tell which way the wind is blowing."

PHOTOS OF CANADA

An exhibition of photographs of Canada was opened at Rio de Janeiro, Brazil, under the sponsorship of the Canadian Embassy and the three-month-old Instituto Brasileiro de Cultura. Canadian Ambassador Jean Dorey and many members of the diplomatic corps attended the inaugural ceremony. The photographs, supplied by the Canadian Government, show scenes of Canada at war, Canadian industry and agriculture and scenic vistas of the Dominion.

The first adhesive postage stamp of Great Britain was made in 1840, and bore a portrait of Queen Victoria.

In early England, coins were sometimes cut in halves or quarters to make change.

Agricultural Committee
Discusses Engineering Problems Facing
The Farmer

The National Committee on Agricultural Engineering meeting recently in Ottawa at the request of the Dominion Department of Agriculture discussed during a three-day session, engineering problems facing the Canadian farmer. The Committee said that its recommendations to the National Advisory Committee on Agricultural Services included farm machinery supply and distribution, soil conservation, farm housing, and rural electrification.

GETS HISTORIC STONE

The Cumberland Stone on which the Duke of Cumberland stood at the Battle of Culloden, which resulted in the final defeat of Prince Charles Edward in 1746, has been bought for Scotland by the British National Trust. The trust recently acquired the graves of clansmen near by.

ACQUIRED TASTE

Thoreau Cronyn, one-time managing editor of Collier's acquired a taste for newspaper work from reading the Springfield Republican to a blind man for 25 cents a week in his home town of San Diego, Cal.

Heavy Responsibility
Man Guarded Famous Art Treasures
Close To Front Lines

How he came by chance on an old Italian house, within 2,000 yards of the German lines, which was doing duty as a storing place for some of the greatest works of Italian art was told in a recent despatch by the BBC's correspondent with the 8th Army, Vaughan Thomas. The paintings, it appeared had been taken from the famous galleries of France and hidden in this house under the sole care of an old man. Thomas described how in one corner, where two refugees were lying on straw mattresses, he saw one of the most famous pictures in the world, Botticelli's Primavera, propped against the wall. Among other works, he saw some of the finest of Giotto, Fra Angelico, and Cimabue. The old man told Thomas that as the battle drew nearer he had been almost overwhelmed by his responsibility. He had spent his whole time going between this particular house and others in an effort to keep guard over these treasures. The Allied authorities immediately took steps to get the pictures removed to safety.

Some mud at the bottom of the ocean is transparent.

THIS CURIOUS WORLD By William Ferguson



A KANSAS DUST STORM, IN MAY, 1934, IS ESTIMATED TO HAVE MOVED 300 MILLION TONS OF SOIL, AND SOME OF IT HAS DEPOSITED ON SHIP 200 MILES AWAY.

COPIES BY SEA SERVICE, INC.

"SHY GIRLS ARE ALSO SHY BOYS," SAYS MORRIS GODFREY, Camden, New Jersey

THE MASKED CRAB OF ELITE WEARS A HUMAN FACE ON ITS BACK.

11-20 U.S. REG. U.S. PAT. OFF.

11-20 U.S. REG. U.S. PAT. OFF.

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Britain's Barter Boom

Curious Things Offered For Exchange In The "Wanted" Columns

A boom in barter is sweeping Britain.

Every day offers of exchange are advertised in the "wanted" columns of London and provincial newspapers. One of the most remarkable offers was perhaps this: "Ladies will exchange peach bed linen, pure lingerie silk, other goods, for nylon stockings or honey."

Running this close was an offer of a Victorian cheese-dish for a dozen new handkerchiefs.

One "Wanted" column contained urgent appeals for a fantastic variety of things ranging from a set of frying pans to second-hand suits for a public school boy and men's old shirts for making into women's blouses.—London Daily Mail.

FOR FIRST TIME

Women in France will vote for the first time next Feb. 1, the date set by the Cabinet for the first regional elections. The national elections have been postponed until the return of approximately 2,000,000 prisoners from Germany.

Rate Is Lowest

No Other Army Has Fewer T.B. Infections Than Canadian

Canadian army has the lowest tuberculosis rate "by a considerable margin" of any army, a defence headquarters release said.

Col. J. D. Adamson, consulting physician on the headquarters staff of army medical services, commented on the recent survey of the troops:

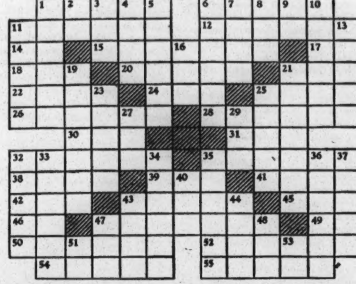
"In all the four years of war, only 684 cases have been returned from overseas, and of these, only 18 have died. Contrast this to 1914-18, when nearly 3,000 Canadian soldiers died from tuberculosis infection contracted during their years of military service. "An idea of the relatively slight disability caused by tuberculosis in Canada today may be gathered from the figures for 1943, when a total of only 85 new cases, most of them in the very earliest stages, were discharged from the army in Canada because of disease contracted during service."

Water is absorbed more readily by linen than by any other fabric.

More vitamin B to maintain health is required by men than by women.

X-X OUR CROSSWORD PUZZLE X-X

No. 4905



HORIZONTAL

1 Setae
4 Aside
11 Rare
12 Branching
14 Either
15 To gather
17 Printer's measure
18 Soft substance
20 To care for
21 To begin
24 Cereal grass
25 Part of a church
26 To entertain royally
28 Evening meal
30 Fruit drink
31 Likewise
32 To appoint
35 Pertaining to the sea
37 Trip
39 Palm leaf
41 Former ruler

VERTICAL

1 Mosaic situation
2 Symbol for aluminum
3 Part of a circle
4 Image
5 Coy
6 Second
7 Wan
8 Rice paste
9 Artificial language
10 Poisonous fly

LIFE'S LIKE THAT

11 Lethargic sleep
12 To penetrate
13 To scrutinize
14 Winged insect
15 To notify
16 Lowest possible point
17 Toward the left
18 Body support
19 Spanner character
20 Escaped
21 Dirty
22 Nine-day devotion
23 Deceased
24 Pastored
25 Was mistaken
26 Meadow
27 Mohammedan governor
28 Welthe membrane
29 China monkey
30 Beetle
31 Parrot
32 Hebrew letter

LIFE'S LIKE THAT

By Fred Neher



"I got the idea at a puppet show"

REG'LAR FELLERS—A Bum Sample

BY GENE BYRNES



YOU'RE CLEVER TO MAKE SUCH MARVELOUS BREAD

I'M CLEVER TO USE SUCH MARVELOUS YEAST!

ROYAL makes baking easy—ensures light, even-textured bread that's tasty, delicious

7 OUT OF 8 CANADIAN WOMEN WHO USE DRY YEAST USE ROYAL!

ROYAL YEAST CAKES

Made in Canada

OUR COMPLETE SHORT STORY—

A Wife's Place

By ETHELDA BEDFORD

McClure Newspaper Syndicate

"But, dear"—invariably I call my husband "dear" when we argue, although I doubt that it ever has helped—"just because we have this place in the country I don't see why I have to stay here when you are in town having a good time."

"A good time!" Henry is a magician at changing the subject right under your nose. "That's all you know about my job, Ann—"

I know Henry has a tough time, a trying time, an exasperating time. I've heard him describe his work often enough to know his phrases by heart.

I had picked the wrong phrase and couldn't tell him I had not been referring to the work at his desk. There is a mental deaf, where every wife has been told her husband labors at night, which can be set up so conveniently at bars, cafes, supper clubs, moonlight cruises, etc. I meant that one.

"What I do know about is my job here," I said. "I've worked at it four summers, compiling facts on house guests, sunburn, fallen arches, mosquitoes, relatives, pin money—"

"I come up every weekend don't I?" Henry was very virtuous. "I won't miss one this summer."

"Henry, I'm all packed to go back to New York with you tomorrow."

"Are you out of your mind?"

"Maybe," I said. "But I'd rather live in town with you the rest of the summer—and commute to the country weekends."

"Why do you think we have this place in the country?"

"There are a lot of answers to that one."

Henry walked out of the dining room ahead of me. We went into the living room where, spread on the table under the light, were photographs we had taken that week.

HERE'S MY FEED PROBLEM...

I want to get more egg production from my laying hens.

HERE'S THE ANSWER...

Be sure you have culled your flock and that you are managing them carefully. Then if you have plenty of farm grain, mix your own laying mash by using "Miracle" Laying Mash Supplement. This Supplement will give your farm grains all the necessary elements the hen needs to produce more and better eggs. "Miracle" Laying Mash Supplement is tested for food value.

ASK FOR "MIRACLE" FEEDS

MECCA OINTMENT

BURNS, SORES, CUTS, ETC.

Looking at the excellent likeness of himself—Henry was in his boat, his muscles bulging handsomely—he said, "You won't be lonesome. I've invited George and Martha Allen to come up for a week. They're due day after tomorrow."

"They came up last summer, and the summer before and . . ."

Henry eyed me.

"They can taxi up from the station. George took the back door key last summer, so they'll get in, all right. Martha will wear my clothes, even if I'm not here. George will raid the ice box in the middle of the night and sleep till noon and bring six dirty shirts to put in the clothes hamper and . . ."

"You're chattering. But of course you'll have to be here when they arrive. It wouldn't seem like home without you around." Adam employed flattery, no doubt, when he wanted to be a lone commander from Eden.

"Henry, I'm not falling for that line."

A butterfly look followed Henry's first glare, so I knew he meant to be sweet. "You look so cute here." He looked at a picture of me. "I like you in organdie."

"I can wear organdie in town. It'll look lovely at a roof garden."

Henry began to pace the floor. "Don't whine!" he said. "We've been married five years. I feel better knowing you are breathing pure air. Why, I work—to make life happier for you."

"I'll be happier in town shopping, dining with you, seeing the shows and night clubs."

Henry kicked the rag rug from his path. My mother used to say that she often felt Father was beyond her understanding, but that she knew he always meant the best. Poor Mother never had a play-time in all her married life. Father also believed a wife's place in summer was in the country.

Henry's long legs moved faster. "You're making it seem like a resort hotel," he said, "to be visited and left, forgotten until the next time."

"That's what it's seemed to me—only our guests don't have to register or pay."

"I've thought of this house as our real home," he ignored the interruption. "And if you're not here—what's the use?"

"Henry," I said candidly, "my point about wanting to be with you all stands. But I also want to go into town because I'm fed up with sunburn, wind, foghorns, gnats, house pets and pesty guests. I can take it all weekends, but that's quite enough."

"Well, we may as well sell the darned place!"

I called Henry's bluff. "We may as well," I said.

Henry suddenly left, went upstairs. I followed, turning out lights as we went. In the bedroom, Henry, notably kicked off his shoes and wordlessly tugged at the knot in his tie. The bathroom seemed the only place for me in that peculiar calm.

Looking at the black tears I cried, I was so sorry that I had smeared macarons on my own hand towel. That was the way guests treated my linen.

Then I heard Henry laugh. "Sweetheart!" he called. "Come out here right away!"

I rushed to bless him and thank him for seeing my point. I swung the door open and my eyes stuck to the scene in my bedroom. There were George and Martha Allen, bags and baggage, and dog!

"The house looked dark from the outside," George explained, "but as I still had your back door key, I just let us in."

"We knew you wouldn't mind. And, yes, meet the pup!" Martha said, smiling with that carefree smile that only guests-in-the-country ever manage.

The pup leaped into the middle of my candlestick bedspread as Henry exclaimed, "This is swell! Seems like old times."

"It certainly does," laughed George, opening Henry's cigarette box.

"Let me use that pink robe of yours, will you?" Martha asked me. "I didn't bring mine."

"Naturally," I said, but she didn't notice.

As I opened my bag, which had been so neatly packed, and pulled out the robe, I noticed a look of triumph about Henry. Bright as an aura!

Anyway, I have next summer to look forward to . . .

Tall Enough



Pte. J. W. Butler, Campbellton, N.B., Canadian army, likes the pockets of his prisoners high up, so that he doesn't have to stoop in search for arms. This Jerry from Dusseldorf, Germany, is seven feet three inches tall.

Auto Tires

Automobiles Are in Need Of Careful Attention These Days

The faithful family chariot, taking Dad, Mother and the kids to town on Saturday nights for the weekly shopping, rates the very best of care to keep it rolling.

Automobiles today need as much careful attention as any farm implements or stock. This is true, especially of the tires, for slow leaks in the tires may cause a flat, or worse still, completely ruin the tire.

Three simple tests suggested by motor experts should ward off such disaster:

Check the valve caps that the valve caps have been screwed on finger-tight and that each cap has a washer.

Before adding air to a tire, test and record the pressure.

Check the variations in tire pressure. Marked differences in pressure indicate leaks, the experts explain, and tires showing abnormal loss of air should be removed for immediate inspection and repair.

This Week's Pattern



By ANNE ADAMS

A refreshingly new neckline, on a classic shirtwaister, makes Pattern 4656 first choice for Fall wear! Optional contrast for yokes and collar.

Pattern 4656 is available in women's sizes: 34, 36, 38, 40, 42, 44, 46, 48, 50. Size 36 requires 3 1/2 yds. 35-inch fabric.

Send twenty cents (20c) in coins (stamps cannot be accepted) for this pattern. Write plainly size, Name, Address and Style Number and send orders to the Anne Adams Pattern Dept., Winnipeg Newspaper Union, 176 McDermot Ave. B, Winnipeg, Man.

"Because of the slowness of the mail delivery of our patterns may take a few days longer than usual."

A necklace of beetles' eggs is used as a token of love by natives of the Solomon Islands.

Valuable Work

Making Over Old Furniture Into Something Useful

"Making something out of nothing is the latest brain wave of that energetic and enterprising Patriotic Corps group in Winnipeg," say the directors of Women's Voluntary Services, Department of National War Services.

In the firm belief that a dud can be put to practical use again many W.V.S. members are getting out saws, hammers, paint brushes and going to work. An old fashioned golden oak buffet, mirror removed and feet sawed off becomes a shining red and white kitchen cupboard; heavy old gilt picture frames take a dose of light coloured paint and backed with plywood become eye-catching coffee tables with folding trestles for legs.

"Syrup jugs or odd shaped-bottles become bedside water bottles. An old jelly jar lid painted the same colour as the stopper of the jug, covers the accompanying drinking glass. Refrigerator sets are made from large cold cream jars. Lamp bases are made from old cracker tins, pitchers, stone jars.

"The Patriotic Salvage Corps' four shops in Winnipeg sell everything from dolls to dishpans and the attractive "something out of nothing" created by volunteers have a ready sale. Proceeds from these shops go to a list of charitable institutions as long as your arm," the directors concluded.

Flax In Britain

Big Progress Made In Production During The War Years

Enormous progress has been made in Britain's flax production during the war. Since 1941 production costs have been halved while output has been quadrupled. Fibre yield has risen from 3 1/2 per cent. to just under 8 per cent. Today, 17 factories are working and approximately 60,000 acres are under cultivation by nearly 6,000 farmers.

SERVICE FOR SOLDIERS

More than 2,000 used razor blades are being resharpened daily by a Lahore firm. This is one of the latest economy measures which the army in India has introduced; soldiers return their used blades when issued with fresh ones.

The watermelon has been cultivated since ancient times.

Buy Victory Bonds

"SALADA"

TEA

MAKE YOUR OWN CIGARETTES WITH

MACDONALD'S

Fine Cut

THE FINEST TOBACCO YOU EVER SMOKED

Binder Twine

Farmers Have Been Supplied With Adequate Quantities

Although binder twine has been in short supply since the war began, farmers have been supplied with adequate quantities, states the Current Review of Agricultural Conditions in Canada. That is, the price has been maintained at the same reasonable level—9 cents per lb. wholesale. Only one grade of twine, Wartime Standard, running 500 feet to the pound and containing 12 1/2 per cent. jute, was manufactured in 1944. Although somewhat larger and softer than the best pre-war grades, it has been reasonably satisfactory. In the fourth year of the last war, twine prices rose to 25 cents per lb. wholesale.

COAL MINING IN BRITAIN

The proportion of mechanically-cut coal in Britain has risen during the war from 59 per cent. to over 70 per cent. Mechanical conveying of coal has risen from 54 per cent. to 68 per cent.

Needs Further Tests

Canadian Research Workers Announce New Substitute For Blood Plasma

Four Canadian research workers have discovered that polyvinyl alcohol may be used as substitutes for blood or blood plasma in treating certain types of shock cases, says an article in the current issue of the Canadian medical journal.

The article, by Dr. N. W. Rooms, Capt. Lawrence Ruttle, R.C.A.M.V., Dr. Levene Williams and Dr. Ward Smith of the Universities of Western Ontario and Toronto, recommends further testing and warns that so far only laboratory work and a few clinical experiments have been carried out.

WOULD BE GREAT BOON

Common colds, influenza, pneumonia and other airborne diseases may possibly be cured by conditioning indoor air with an invisible anti-septic vapor made from triethylene glycol. The odorless, non-inflammable and inexpensive vapor can be distributed uniformly through the air by a duct and fan system.

Firestone

EXTRA VALUES

Are more important NOW than ever before

Firestone tires have always been noted for their extra values and consistent high quality that mean longer wear, more safety and greater value.

And, just as you would expect, it is Firestone that today is the pacemaker and pioneer in developing new materials, new methods and new machines that have resulted in tremendous advancement in tire design, construction and performance.

With new tires so hard to get it is more important than ever to get the best tire that money can buy with your tire ration certificate . . . and that means Firestone . . . because Firestone tires stay safer, longer.



Extra Values You Get Only in Firestone Tires

Vitamic Rubber—Extra protection against weather checking and wear.

Gum-Dipping—Each tire cord is insulated against friction and internal heat to protect against blowouts.

Gear-Grip Tread—Thousands of sharp-edged angles provide extra protection against skidding.

Safety-Lock Cords—Tightly woven, stronger cords Safety-Lock ed together for extra strength.

Know-Flow—More than 40 years' experience assures extra performance.

MOST MILES PER DOLLAR

NOW AS ALWAYS . . . MOST MILES PER DOLLAR

